

ck#

APP# 43770

\$1319.65

Columbia County New Building Permit Application

For Office Use Only Application # 1909-90 Date Received 9/24/19 By MG Permit # _____
Zoning Official LW/LH Date 10-1-19 Flood Zone X P.S. Land Use Ag Zoning A-3
FEMA Map # N/A Elevation N/A MFE above rd River N/A Plans Examiner J.C. Date 10-9-19
Comments Floor 1' Above Rd. Zone X at Site F. 30' Sides 25' Rear 25'
☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☒ Well letter ☐ 911 Sheet ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☒ App Fee Paid ☒ Sub VF Form

Septic Permit No. 19-0718 OR City Water ☐ Fax _____
Applicant (Who will sign/pickup the permit) Kevin Bedenbaugh Phone 386-365-5264
Address 232 NW Chadley Lane, Lake City, FL 32055
Owners Name James Parker DIANA PARKER Phone 386-623-3709
911 Address 4568 SE County Road 245, Lake City, FL 32025
Contractors Name Kevin Bedenbaugh Phone 386-365-5264
Address 232 NW Chadley Ln, Lake City, FL 32055
Contractor Email plumblevelconstruction@gmail.com ***Include to get updates on this job.
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address Ridgepoint Design, 818 W Duval St, Lake City, FL 32055
Mortgage Lenders Name & Address Campus USA, Lake City, FL
Circle the correct power company ☐ FL Power & Light ☒ Clay Elec. ☐ Suwannee Valley Elec. ☐ Duke Energy
Property ID Number 23-4S-17-08713-002 Estimated Construction Cost \$251,000.00
Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____
Driving Directions from a Major Road 41 S - left on 252 - left on Price Creek Rd - second drive on left

Construction of single family residence _____ Commercial OR ☒ Residential
Proposed Use/Occupancy single family residence Number of Existing Dwellings on Property 0
Is the Building Fire Sprinkled? NO If Yes, blueprints included _____ Or Explain _____
Circle Proposed ☐ Culvert Permit or ☐ Culvert Waiver or ☐ D.O.T. Permit or ☒ Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 143 Side 397 Side 743 Rear 287 247
Number of Stories 1 Heated Floor Area 1952 Total Floor Area 3254 Acreage 13.33
Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) _____

LH-Emailed Kevin 10/10/19

Columbia County Building Permit Application

CODE: Florida Building Code 2017 and the 2014 National Electrical Code.

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT: **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

Diana Parker

Print Owners Name

Diana Parker

Owners Signature

****Property owners must sign here
before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

[Signature]

Contractor's Signature

Contractor's License Number cgc1516042

Columbia County

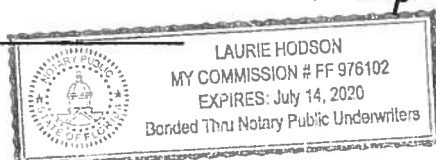
Competency Card Number 377 ✓

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 26th day of September 2019.

Personally known ☐ or Produced Identification FLDL

State of Florida Notary Signature (For the Contractor)

SEAL:



SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 1909-90 JOB NAME Parker

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. One permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the general contractors permit.

NOTE: It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.

Use website to confirm licenses: <http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx>

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

ELECTRICAL <input checked="" type="checkbox"/>	Print Name <u>RYAN BEVILLE</u> Signature <u>Ryan Beville</u> Company Name: <u>R.B.E. ELECTRICAL CONTRACTING, LLC</u> CC# <u>811</u> License #: <u>EC13004234</u> Phone #: <u>352-339-0369</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
MECHANICAL/A/C <input checked="" type="checkbox"/>	Print Name <u>TIM SHATTO</u> Signature <u>Tim Shatto</u> Company Name: <u>SHATTO Heating & Air, Inc</u> CC# <u>770</u> License #: <u>CAC 057875</u> Phone #: <u>386-496-8224</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
PLUMBING/GAS <input checked="" type="checkbox"/>	Print Name <u>MARK GANSKOP</u> Signature <u>Mark Ganskop</u> Company Name: <u>Express Plumbing</u> CC# <u>623</u> License #: <u>CPC 1428040</u> Phone #: <u>867-0269</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
ROOFING <input checked="" type="checkbox"/>	Print Name <u>KEVIN BERNENBAUGH</u> Signature <u>Kevin Bernenbaugh</u> Company Name: <u>PLUMB LEVEL CONSTRUCTION</u> CC# <u>1856</u> License #: <u>CCC 1329482</u> Phone #: <u>365-5244</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
STATE SPECIALTY <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE

Columbia County Property Appraiser

Jeff Hampton

2019 Preliminary Certified Values

updated: 8/14/2019

Parcel: << 23-4S-17-08713-002 >>

Aerial Viewer Pictometry Google Maps

Owner & Property Info

Result: 4 of 5

Owner	PARKER JAMES L & DIANA A 195 SW NIGHTSHADE DR LAKE CITY, FL 32024		
Site			
Description*	S1/3 OF SE1/4 OF NE1/4. ORB 625-686, WD 1061-1135, WD 1061-1138, WD 1300-2172,		
Area	13.33 AC	S/T/R	23-4S-17
Use Code**	TIMBERLAND (005500)	Tax District	3

*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.

**The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

Property & Assessment Values

2018 Certified Values		2019 Preliminary Certified	
Mkt Land (0)	\$0	Mkt Land (0)	\$0
Ag Land (1)	\$4,985	Ag Land (1)	\$5,132
Building (0)	\$0	Building (0)	\$0
XFOB (0)	\$0	XFOB (0)	\$0
Just	\$36,908	Just	\$36,908
Class	\$4,985	Class	\$5,132
Appraised	\$4,985	Appraised	\$5,132
SOH Cap [?]	\$0	SOH Cap [?]	\$0
Assessed	\$4,985	Assessed	\$5,132
Exempt	\$0	Exempt	\$0
Total Taxable	county:\$4,985 city:\$4,985 other:\$4,985 school:\$4,985	Total Taxable	county:\$5,132 city:\$5,132 other:\$5,132 school:\$5,132



▼ Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
9/8/2015	\$39,500	1300/2172	WD	V	Q	01
10/7/2005	\$239,000	1061/1138	WD	V	Q	
10/7/2005	\$80,000	1061/1135	WD	V	Q	

▼ Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
NONE						

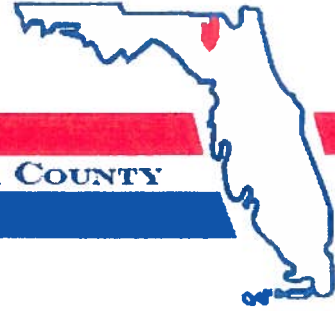
▼ Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

▼ Land Breakdown

--	--	--	--	--	--	--

District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
District No. 5 - Tim Murphy



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

Address Assignment and Maintenance Document

To maintain the county wide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for addressing and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Services Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County

Date/Time Issued: **8/27/2019 6:27:41 PM**
Address: **4568 SE COUNTY ROAD 245**
City: **LAKE CITY**
State: **FL**
Zip Code **32025**

Parcel ID **08713-002**

REMARKS: Address for proposed structure on parcel.

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION AND ACCESS INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION AND/OR ACCESS INFORMATION BE FOUND TO BE IN ERROR OR CHANGED, THIS ADDRESS IS SUBJECT TO CHANGE.

Address Issued By: **Signed:/ Matt Crews**

Columbia County GIS/911 Addressing Coordinator

COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT

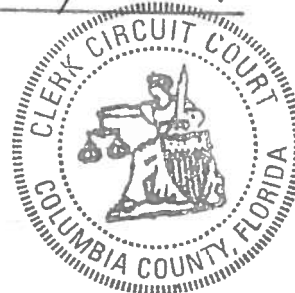
263 NW Lake City Ave., Lake City, FL 32055 Telephone: (386) 758-1125
Email: gis@columbiacountyfla.com

This Instrument Prepared By:
Campus USA Credit Union
14007 NW 1st Road
Jonesville, Florida 32669
(352) 335-9090

After Recording Return To:
CAMPUS USA CREDIT UNION
14007 NW 1ST ROAD
JONESVILLE, FLORIDA 32669

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS

By: Debbie Dow
Deputy Clerk
Date: Sept 20, 2019



4-9210

[Space Above This Line For Recording Data]

Permit No.:

Tax Folio No.: 23-4S-17-08713-002

NOTICE OF COMMENCEMENT

STATE OF FLORIDA

COUNTY OF Columbia

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property: TBD PRICE CREEK RD, LAKE CITY, FLORIDA 32025
The South 1/3 of the Southeast 1/4 of the Northeast 1/4 of Section 23,
Township 4 South, Range 17 East, Columbia County, Florida. Less and except
any portion thereof lying within a public road right of way.
A.P.N.: 23-4S-17-08713-002

2. General description of improvement: SINGLE FAMILY RESIDENCE

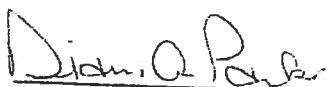
3. Owner information or Lessee information if the Lessee contracted for the improvement:

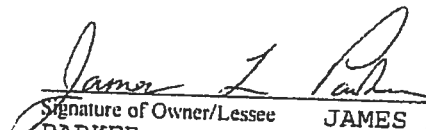
a. Name and address: DIANA A PARKER, JAMES L PARKER
195 SW NIGHTSHADE DR
LAKE CITY, FLORIDA 32024

- b. Interest in property: Fee Simple
- c. Name and address of fee simple title holder (if other than Owner): _____
4. a. Contractor (name and address): Plumb Level Construction Co, LLC.
232 NW chapley Lane
Lake City, Florida 32055
- b. Contractor's phone number: (386) 792-4061
5. Surety (if applicable, a copy of the payment bond is attached):
- a. Name and address: NA
- b. Phone Number: NA
- c. Amount of bond: NA
6. a. Lender: CAMPUS USA CREDIT UNION
14007 NW 1ST ROAD
JONESTOWN, FLORIDA 32669
- b. Lenders phone number: (352) 335-9090
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7, Florida Statutes:
- a. Name and address: NA
- b. Phone numbers of designated persons: NA
8. a. In addition to himself, Owner designates Nancy Briel
of Campus USA Credit Union
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
- b. Phone number of person or entity designated by owner: 352-335-9090 x10216

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified): _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

 9/18/19
Signature of Owner/Lessee DIANA A Date
PARKER

 9-18-19
Signature of Owner/Lessee JAMES L Date
PARKER

[Space Below This Line For Acknowledgment]

The foregoing instrument was acknowledged before me this 18th day of SEPTEMBER, 2019
by DIANA A PARKER AND JAMES L PARKER

who is personally known to me or who has produced _____
as identification.

(Type of Identification)



Brandi Lynn Lee
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG052483
Expires 12/5/2020

(Seal)

Brandi Lynn Lee
Signature

Name of Notary

Title

Serial Number, if any

Verification Pursuant to Section 892.525, Florida Statutes

UNDER PENALTIES OF PERJURY, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Diana A Parker
Borrower DIANA A PARKER

9/18/19
Date

James L. Parker
Borrower JAMES L PARKER

9/18/19
Date

Columbia County Property Appraiser

Jeff Hampton

2019 Preliminary Certified Values

updated: 8/14/2019

Parcel: << 23-4S-17-08713-002 >>

Aerial Viewer Pictometry Google Maps

Owner & Property Info

Result: 1 of 1

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Appraised	\$4,985	Appraised	\$5,132
SOH Cap [?]	\$0	SOH Cap [?]	\$0
Assessed	\$4,985	Assessed	\$5,132
Exempt	\$0	Exempt	\$0
Total Taxable	county:\$4,985 city:\$4,985 other:\$4,985 school:\$4,985	Total Taxable	county:\$5,132 city:\$5,132 other:\$5,132 school:\$5,132

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Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
NONE						

▼ Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

▼ Land Breakdown

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
005500	TIMBER 2 (AG)	13.330 AC	1.00/1.00 1.00/1.00	\$385	\$5,132
009910	MKT.VAL.AG (MKT)	13.330 AC	1.00/1.00 1.00/1.00	\$0	\$36,908

Legend

SRWMD Wetlands



2018Aerials



SectionTownshipAndRange

Roads

Roads



others



Dirt



Interstate



Main



Other



Paved



Private

Parcels

2018 Flood Zones



0.2 PCT ANNUAL CHANCE



A



AE



AH

LidarElevations



Columbia County, FLA - Building & Zoning Property Map

Printed: Tue Oct 01 2019 09:47:52 GMT-0400 (Eastern Daylight Time)



Parcel Information

Parcel No: 23-4S-17-08713-002

Owner: PARKER JAMES L & DIANA A

Subdivision:

Lot:

Acres: 12.5933723

Deed Acres: 13.33 Ac

District: District 4 Toby Witt

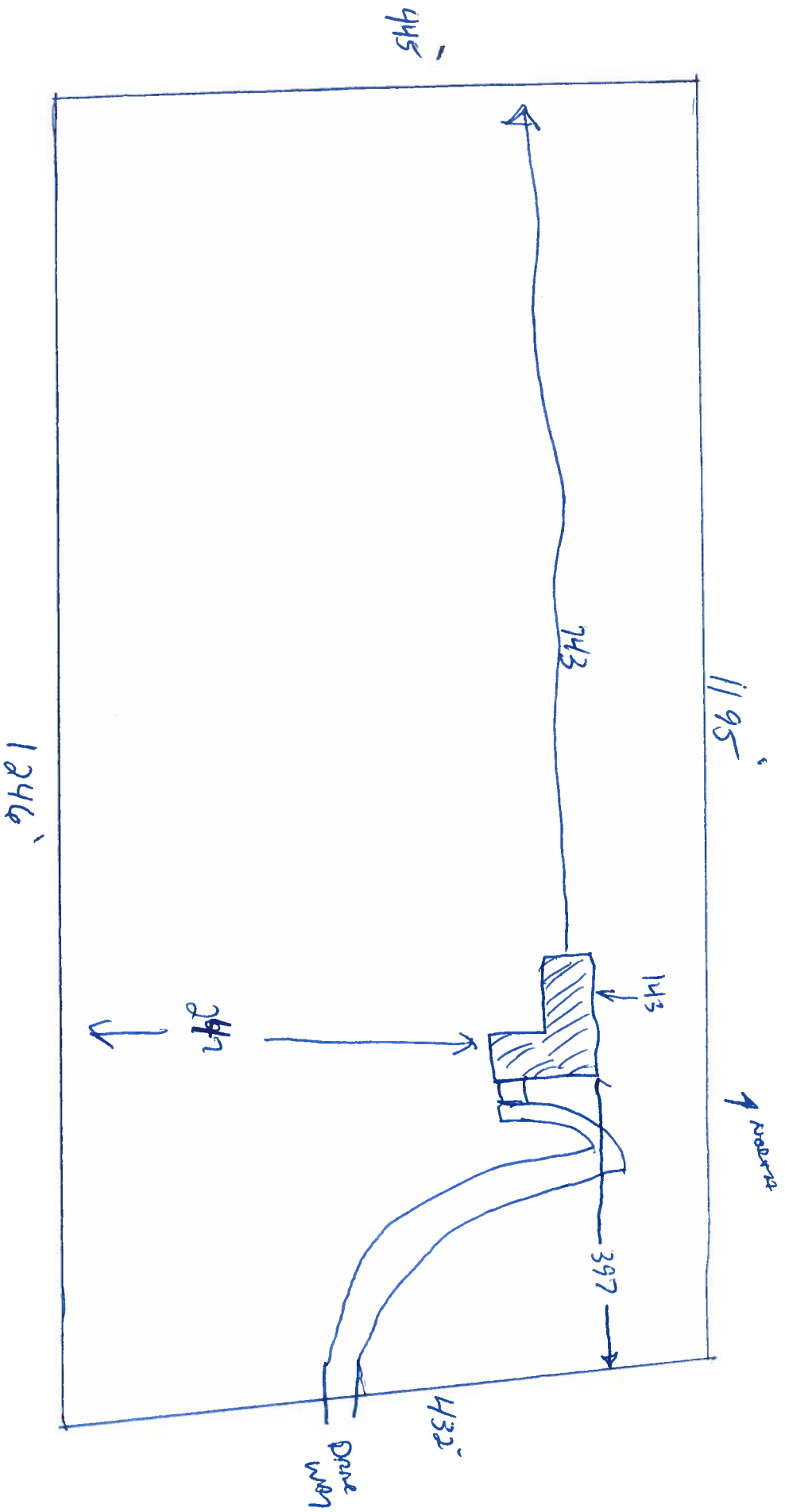
Future Land Uses: Agriculture - 3

Flood Zones: A,

Official Zoning Atlas: A-3

All data, information, and maps are provided "as is" without warranty or any representation of accuracy, timeliness of completeness. Columbia County, FL makes no warranties, express or implied, as to the use of the information obtained here. There are no implied warranties of merchantability or fitness for a particular purpose. The requester acknowledges and accepts all limitations, including the fact that the data, information, and maps are dynamic and in a constant state of maintenance, and update.

Parker





STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 13-46-17-08713-002
DATE PAID: 1/1/81
FEE PAID: \$100.00
RECEIVED: 1/1/81

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Repair
☐ Abandonment ☐ Temporary

APPLICANT: James and Diana Parker

AGENT: ROCKY FORD, A & B CONSTRUCTION

TELEPHONE: 361-4711

MAILING ADDRESS: 546 SW 10TH AVE, FT. WORTH, TX 76102

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEM NO. 13-46-17-08713-002
BY A PERSON LICENSED PURSUANT TO 485.105(3)(m) OR 485.552. FEE PAID: \$100.00
APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION: THE APPLICANT SHALL BE RESPONSIBLE FOR PROVIDING
PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY EXEMPTION FROM PLATTING.

PROPERTY INFORMATION

LOT: NA BLOCK: NA SUB: NA

PROPERTY ID #: 23-46-17-08713-002 ZONING: R-1 L.N. OR EQUIVALENT

PROPERTY SIZE: 13.33 ACRES WATER SUPPLY: ☒ PRIVATE PURV. C 13-46-17-08713-002

IS SEWER AVAILABLE AS PER 1971 CODE: YES ☒ NO ☐

PROPERTY ADDRESS: SE OF 245, Lake City

DIRECTIONS TO PROPERTY: Head W on NE Frank in St. Petersburg
Carhoun Ave, TL at 3rd cross street on the N side
Ave, TL onto US-90E, slight right onto Frank
onto SE CR 245.

BUILDING INFORMATION ☒ RESIDENTIAL ☐ COMMERCIAL

Unit No.	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial Use/Industrial Use
1	SF Residential	3	1952	
2	+ bonus room		200	
3				

☐ Floor/Equipment Drains ☐ Other (Specify)

SIGNATURE: [Signature]

DATE: 1/1/81

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM

James & Diana Parker

Scale 1 inch = 40 feet

APPROVED BY

DATE

BY

NOTES

Site Plan submitted by

Plan Approved

By

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2017 EFFECTIVE 1 JANUARY 2018
AND THE NATIONAL ELECTRICAL 2014 EFFECTIVE 1 JANUARY 2018

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES RESIDENTIAL AND THE NATIONAL ELECTRICAL CODE. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS, FBC 1609.3.1 THRU 1609.3.3.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES

Revised 7/1/18

Website: <http://www.columbiacountyfla.com/BuildingandZoning.asp>

Items to Include-
Each Box shall be
Circled as
Applicable

GENERAL REQUIREMENTS:

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Select From Drop down

1	Two (2) complete sets of plans containing the following:	<input checked="" type="checkbox"/>			
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	<input checked="" type="checkbox"/>			
3	Condition space (Sq. Ft.) <u>1952</u> Total (Sq. Ft.) under roof <u>3254</u>	Yes	No	NA	

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL 107.1.

Site Plan information including:

4	Dimensions of lot or parcel of land	Yes		
5	Dimensions of all building set backs	Yes		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	NA		
7	Provide a full legal description of property.	Yes		

Wind-load Engineering Summary, calculations and any details are required.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	Yes	No	NA
Select From Drop down				
9	Basic wind speed (3-second gust), miles per hour	Yes		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	Yes		
11	Wind importance factor and nature of occupancy	Yes		
12	The applicable internal pressure coefficient, Components and Cladding	Yes		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifiably designed by the registered design professional.	Yes		

Elevations Drawing including:

14	All side views of the structure	Yes		
15	Roof pitch	Yes		
16	Overhang dimensions and detail with attic ventilation	Yes		
17	Location, size and height above roof of chimneys	NA		
18	Location and size of skylights with Florida Product Approval	NA		
19	Number of stories	Yes		
20	Building height from the established grade to the roofs highest peak	Yes		

Floor Plan Including:

21	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	Yes		
22	Raised floor surfaces located more than 30 inches above the floor or grade	NA		
23	All exterior and interior shear walls indicated	Yes		
24	Shear wall opening shown (Windows, Doors and Garage doors)	Yes		
25	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	Yes		
26	Safety glazing of glass where needed	Yes		
27	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	NA		
28	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	Yes		
29	Identify accessibility of bathroom (see FBCR SECTION 320)	Yes		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
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FBCR 403: Foundation Plans

		Select From Drop down		
30	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	Yes		
31	All posts and/or column footing including size and reinforcing	Yes		
32	Any special support required by soil analysis such as piling.	NA		
33	Assumed load-bearing value of soil 1500 Pound Per Square Foot	Yes		
34	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	Yes		

FBCR 506: CONCRETE SLAB ON GRADE

35	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	Yes		
36	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	Yes		

FBCR 318: PROTECTION AGAINST TERMITES

37	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Submit other approved termite protection methods. Protection shall be provided by registered termiticides	Yes		
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

38	Show all materials making up walls, wall height, and Block size, mortar type	Yes		
39	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	Yes		

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

40	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	NA		
41	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers	NA		
42	Girder type, size and spacing to load bearing walls, stem wall and/or piers	NA		
43	Attachment of joist to girder	NA		
44	Wind load requirements where applicable	NA		
45	Show required under-floor crawl space	NA		
46	Show required amount of ventilation opening for under-floor spaces	NA		
47	Show required covering of ventilation opening	NA		
48	Show the required access opening to access to under-floor spaces	NA		
49	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing	NA		
50	Show Draftstopping, Fire caulking and Fire blocking	NA		
51	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6	NA		
52	Provide live and dead load rating of floor framing systems (psf).	NA		

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
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Select from Drop down

53	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	Yes		
54	Fastener schedule for structural members per table FBC-R602.3.2 are to be shown	Yes		
55	Show wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	Yes		
56	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	Yes		
57	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBC-R602.7.	Yes		
58	Indicate where pressure treated wood will be placed	Yes		
59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	Yes		
60	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	Yes		

FBCR :ROOF SYSTEMS:

61	Truss design drawing shall meet section FBC-R 802.10.1 Wood trusses	Yes		
62	Include a layout and truss details, signed and sealed by Florida Professional Engineer	Yes		
63	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	Yes		
64	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	Yes		
65	Provide dead load rating of trusses	Yes		

FBCR 802:Conventional Roof Framing Layout

66	Rafter and ridge beams sizes, span, species and spacing	NA		
67	Connectors to wall assemblies' include assemblies' resistance to uplift rating	NA		
68	Valley framing and support details	NA		
69	Provide dead load rating of rafter system	NA		

FBCR 803 ROOF SHEATHING

70	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	Yes		
71	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	Yes		

ROOF ASSEMBLIES FRC Chapter 9

72	Include all materials which will make up the roof assembles covering	Yes		
73	Submit Florida Product Approval numbers for each component of the roof assembles covering	Yes		

FBCR Chapter 11 Energy Efficiency Code for Residential Building

Residential construction shall comply with this code by using the following compliance methods in the FBCR Chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
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Select from Drop Down

74	Show the insulation R value for the following areas of the structure	Yes		
75	Attic space	Yes		
76	Exterior wall cavity	Yes		
77	Crawl space	NA		

HVAC information

78	Submit two copies of a Manual J sizing equipment or equivalent computation study	Yes		
79	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	Yes		
80	Show clothes dryer route and total run of exhaust duct	Yes		

Plumbing Fixture layout shown

81	All fixtures waste water lines shall be shown on the foundation plan	Yes		
82	Show the location of water heater	Yes		

Private Potable Water

83	Pump motor horse power	Yes		
84	Reservoir pressure tank gallon capacity	Yes		
85	Rating of cycle stop valve if used	Yes		

Electrical layout shown including

86	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	Yes		
87	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	Yes		
88	Show the location of smoke detectors & Carbon monoxide detectors	Yes		
89	Show service panel, sub-panel, location(s) and total ampere ratings	Yes		
90	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	Yes		
91	Appliances and HVAC equipment and disconnects	Yes		
92	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed Combination arc-fault circuit interrupter, Protection device.	Yes		

Notice Of Commencement:

A notice of commencement form **RECORDED** in the Columbia County Clerk Office is required to be filed with the Building Department **BEFORE ANY INSPECTIONS** can be performed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
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****ITEMS 95, 96, & 98 Are Required After APPROVAL from the ZONING DEPT.****

Select from Drop down

93	Building Permit Application A current Building Permit Application is to be completed, by following the Checklist all supporting documents must be submitted. There is a \$15.00 application fee. The completed application with attached documents and application fee can be mailed.	Yes		
94	Parcel Number The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. www.columbiacountyfla.com	Yes		
95	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	Yes		
96	City of Lake City A City Water and/or Sewer letter. Call 386-752-2031	NA		
97	Toilet facilities shall be provided for all construction sites	Yes		
98	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White, an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.	NA		
99	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations (Municode.com)	NA		
100	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.	NA		
101	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00	NA		
102	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	NA		
103	911 Address: An application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125.	Yes		

Ordinance Sec. 90-75. - Construction debris. (e) It shall be unlawful for any person to dispose of or discard solid waste, including construction or demolition debris at any place within the county other than on an authorized disposal site or at the county's solid waste facilities. The temporary storage, not to exceed seven days of solid waste (excluding construction and demolition debris) on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance, shall not be deemed a violation of this section. The temporary storage of construction and demolition debris on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance shall not be deemed in violation of this section; provided, however, such construction and demolition debris must be disposed of in accordance with this article prior to the county's issuance of a certificate of occupancy for the premises. The burning of lumber from a construction or demolition project or vegetative trash when done so with legal and proper permits from the authorized agencies and in accordance with such agencies' rules and regulations, shall not be deemed a violation of this section. No person shall bury, throw, place, or deposit, or cause to be buried, thrown, placed, or deposited, any solid waste, special waste, or debris of any kind into or on any of the public streets, road right-of-way, highways, bridges, alleys, lanes, thoroughfares, waters, canals, or vacant lots or lands within the county. No person shall bury any vegetative trash on any of the public streets, road right-of-way, highways, bridges, lanes, thoroughfares, waters, canals, or lots less than ten acres in size within the county.

Disclosure Statement for Owner Builders:

If you as the Applicant will be acting as your own contractor or owner/builder under section 489.103(7) Florida Statutes, you must submit the required notarized Owner Builder Disclosure Statement form.

****This form can be printed from the Columbia County Website on the Building and Zoning page under Documents. Web address is - <http://www.columbiacountyfla.com/BuildingandZoning.asp>**

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

Notification:

When the application is approved for permitting the applicant will be notified by phone as to the status by the Columbia County Building & Zoning Department.

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	MASONITE	INSWING & OUTSWING Fiberglass	FL 8228-R7
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	MAGNOLIA	Vinyl 400 Single Hung	FL 16475-R3
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	ALLURA of Plycem	Cement BOARD Lap Siding	FL 17482-R2
B. SOFFITS	KAYCAN	Vinyl / PVC & Aluminum soffit	FL 110503
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	CERTANTEED	Asphalt Shingles	FL - 5444
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS	SIMPSON	LSTA / MSTA / SPH 4	FL 13872-R2
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

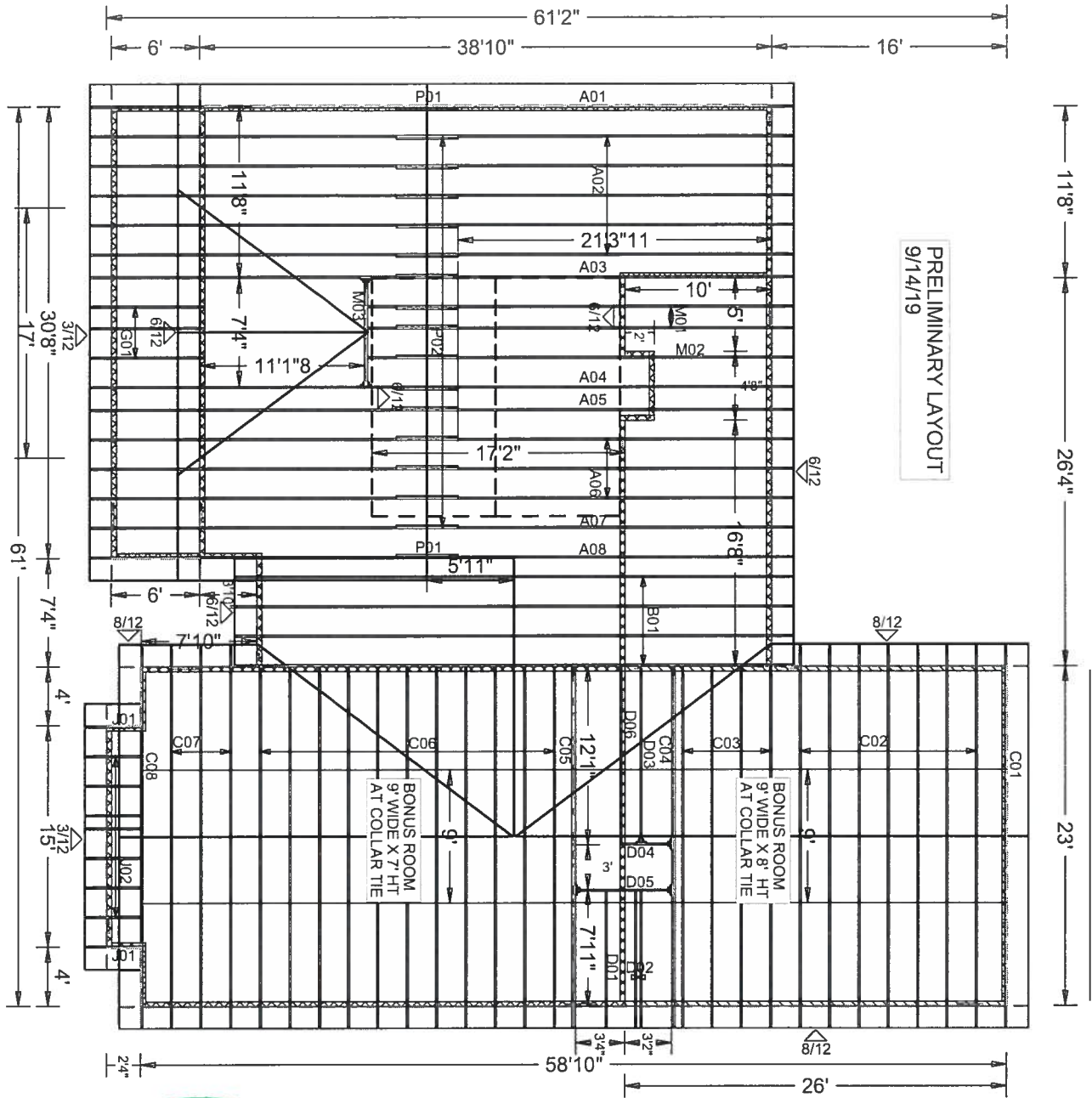
The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.


Contractor OR Agent Signature

9-25-19
Date

NOTES: _____



PRELIMINARY LAYOUT
9/14/19

IMPORTANT DESIGN NOTES:
NOTE: GIPPER LOCATION AT DORMER

Received for
FILE COPY
Code Compliance

ROOF PITCH: 6/12
MAIN HOUSE
8/12 MBR & GARAGE
CLG PITCH: 6/12
LIVING ROOM
OVERHANG: 18"
PLUMB CUT
LOADING: 40 PSF
WIND LOAD: 130 MPH
EXPOSURE: "C"
EXT WALLS: 2 X 4
DATE: 9/14/19

W.B. Howland Truss Co.
610 11th St. SW
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (Fax)
howlandtruss@gmail.com



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Parker Residence Street: 245 Price Creek Road City, State, Zip: Lake City, FL, Owner: Design Location: FL, Gainesville	Builder Name: Permit Office: Permit Number: Jurisdiction: County: columbia (Florida Climate Zone 2)
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<table style="width:100%;"> <tr> <td style="width:30%;">1. New construction or existing</td> <td style="width:70%;">New (From Plans)</td> </tr> <tr> <td>2. Single family or multiple family</td> <td>Single-family</td> </tr> <tr> <td>3. Number of units, if multiple family</td> <td>1</td> </tr> <tr> <td>4. Number of Bedrooms</td> <td>4</td> </tr> <tr> <td>5. Is this a worst case?</td> <td>No</td> </tr> <tr> <td>6. Conditioned floor area above grade (ft²)</td> <td>1952</td> </tr> <tr> <td>Conditioned floor area below grade (ft²)</td> <td>0</td> </tr> <tr> <td>7. Windows(248.0 sqft.)</td> <td>Description Area</td> </tr> <tr> <td>a. U-Factor:</td> <td>Dbl, U=0.33 248.00 ft²</td> </tr> <tr> <td>SHGC:</td> <td>SHGC=0.22</td> </tr> <tr> <td>b. U-Factor:</td> <td>N/A ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> </tr> <tr> <td>c. U-Factor:</td> <td>N/A ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> </tr> <tr> <td>d. U-Factor:</td> <td>N/A ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> </tr> <tr> <td colspan="2">Area Weighted Average Overhang Depth: 5.790 ft.</td> </tr> <tr> <td colspan="2">Area Weighted Average SHGC: 0.220</td> </tr> <tr> <td>8. Floor Types (1952.0 sqft.)</td> <td>Insulation Area</td> </tr> <tr> <td>a. Slab-On-Grade Edge Insulation</td> <td>R=0.0 1952.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R= ft²</td> </tr> <tr> <td>c. N/A</td> <td>R= ft²</td> </tr> </table>	1. New construction or existing	New (From Plans)	2. Single family or multiple family	Single-family	3. Number of units, if multiple family	1	4. Number of Bedrooms	4	5. Is this a worst case?	No	6. Conditioned floor area above grade (ft²)	1952	Conditioned floor area below grade (ft²)	0	7. Windows(248.0 sqft.)	Description Area	a. U-Factor:	Dbl, U=0.33 248.00 ft²	SHGC:	SHGC=0.22	b. U-Factor:	N/A ft²	SHGC:		c. U-Factor:	N/A ft²	SHGC:		d. U-Factor:	N/A ft²	SHGC:		Area Weighted Average Overhang Depth: 5.790 ft.		Area Weighted Average SHGC: 0.220		8. Floor Types (1952.0 sqft.)	Insulation Area	a. Slab-On-Grade Edge Insulation	R=0.0 1952.00 ft²	b. N/A	R= ft²	c. N/A	R= ft²	<table style="width:100%;"> <tr> <td style="width:30%;">9. Wall Types(1944.0 sqft.)</td> <td style="width:30%;">Insulation</td> <td style="width:40%;">Area</td> </tr> <tr> <td>a. Frame - Wood, Exterior</td> <td>R=13.0</td> <td>1737.00 ft²</td> </tr> <tr> <td>b. Frame - Wood, Adjacent</td> <td>R=13.0</td> <td>207.00 ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>d. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>10. Ceiling Types (1952.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Under Attic (Vented)</td> <td>R=30.0</td> <td>1952.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>11. Ducts</td> <td>R</td> <td>ft²</td> </tr> <tr> <td>a. Sup: Attic, Ret: Attic, AH: Main</td> <td>6</td> <td>390.4</td> </tr> <tr> <td>12. Cooling systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Central Unit</td> <td>42.0</td> <td>SEER:14.00</td> </tr> <tr> <td>13. Heating systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Electric Heat Pump</td> <td>42.0</td> <td>HSPF:8.50</td> </tr> <tr> <td>14. Hot water systems</td> <td></td> <td></td> </tr> <tr> <td>a. Electric</td> <td></td> <td>Cap: 40 gallons</td> </tr> <tr> <td>b. Conservation features</td> <td></td> <td>EF: 0.920</td> </tr> <tr> <td>15. Credits</td> <td></td> <td>CF, Pstat</td> </tr> </table>	9. Wall Types(1944.0 sqft.)	Insulation	Area	a. Frame - Wood, Exterior	R=13.0	1737.00 ft²	b. Frame - Wood, Adjacent	R=13.0	207.00 ft²	c. N/A	R=	ft²	d. N/A	R=	ft²	10. Ceiling Types (1952.0 sqft.)	Insulation	Area	a. Under Attic (Vented)	R=30.0	1952.00 ft²	b. N/A	R=	ft²	c. N/A	R=	ft²	11. Ducts	R	ft²	a. Sup: Attic, Ret: Attic, AH: Main	6	390.4	12. Cooling systems	kBtu/hr	Efficiency	a. Central Unit	42.0	SEER:14.00	13. Heating systems	kBtu/hr	Efficiency	a. Electric Heat Pump	42.0	HSPF:8.50	14. Hot water systems			a. Electric		Cap: 40 gallons	b. Conservation features		EF: 0.920	15. Credits		CF, Pstat
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SHGC:																																																																																																						
c. U-Factor:	N/A ft²																																																																																																					
SHGC:																																																																																																						
d. U-Factor:	N/A ft²																																																																																																					
SHGC:																																																																																																						
Area Weighted Average Overhang Depth: 5.790 ft.																																																																																																						
Area Weighted Average SHGC: 0.220																																																																																																						
8. Floor Types (1952.0 sqft.)	Insulation Area																																																																																																					
a. Slab-On-Grade Edge Insulation	R=0.0 1952.00 ft²																																																																																																					
b. N/A	R= ft²																																																																																																					
c. N/A	R= ft²																																																																																																					
9. Wall Types(1944.0 sqft.)	Insulation	Area																																																																																																				
a. Frame - Wood, Exterior	R=13.0	1737.00 ft²																																																																																																				
b. Frame - Wood, Adjacent	R=13.0	207.00 ft²																																																																																																				
c. N/A	R=	ft²																																																																																																				
d. N/A	R=	ft²																																																																																																				
10. Ceiling Types (1952.0 sqft.)	Insulation	Area																																																																																																				
a. Under Attic (Vented)	R=30.0	1952.00 ft²																																																																																																				
b. N/A	R=	ft²																																																																																																				
c. N/A	R=	ft²																																																																																																				
11. Ducts	R	ft²																																																																																																				
a. Sup: Attic, Ret: Attic, AH: Main	6	390.4																																																																																																				
12. Cooling systems	kBtu/hr	Efficiency																																																																																																				
a. Central Unit	42.0	SEER:14.00																																																																																																				
13. Heating systems	kBtu/hr	Efficiency																																																																																																				
a. Electric Heat Pump	42.0	HSPF:8.50																																																																																																				
14. Hot water systems																																																																																																						
a. Electric		Cap: 40 gallons																																																																																																				
b. Conservation features		EF: 0.920																																																																																																				
15. Credits		CF, Pstat																																																																																																				

Glass/Floor Area: 0.127	Total Proposed Modified Loads: 54.12	PASS
	Total Baseline Loads: 55.92	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: _____ DATE: 9-18-19 I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. BUILDING OFFICIAL: _____ DATE: _____
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- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

PROJECT												
Title:	Parker Residence	Bedrooms:	4	Address Type:	Street Address							
Building Type:	User	Conditioned Area:	1952	Lot #								
Owner Name:		Total Stories:	1	Block/Subdivision:								
# of Units:	1	Worst Case:	No	PlatBook:								
Builder Name:		Rotate Angle:	0	Street:	245 Price Creek Road							
Permit Office:		Cross Ventilation:		County:	columbia							
Jurisdiction:		Whole House Fan:		City, State, Zip:	Lake City , FL ,							
Family Type:	Single-family											
New/Existing:	New (From Plans)											
Comment:												
CLIMATE												
✓	Design Location	TMY Site	Design Temp 97.5 %	2.5 %	Int Design Temp Winter	Summer	Heating Degree Days	Design Moisture	Daily Temp Range			
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium			
BLOCKS												
Number	Name	Area	Volume									
1	Block1	1952	17568									
SPACES												
Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated		
1	Main	1952	17568	Yes	6	4	1	Yes	Yes	Yes		
FLOORS												
✓	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet		
_____	1	Slab-On-Grade Edge Insulatio	Main	220 ft	0	1952 ft²	_____	0.33	0.33	0.34		
ROOF												
✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	2261 ft²	570 ft²	Medium	N	0.85	No	0.9	No	0 30.3
ATTIC												
✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC					
_____	1	Full attic	Vented	300	1952 ft²	N	N					
CEILING												
✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type				
_____	1	Under Attic (Vented)	Main	30	Blown	1952 ft²	0.11	Wood				

INPUT SUMMARY CHECKLIST REPORT

WALLS

✓ #	Omt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
1	N	Exterior	Frame - Wood	Main	13	26	4	9		237.0 ft²	0.625	0.23	0.75	0
2	W	Exterior	Frame - Wood	Main	13	10		9		90.0 ft²	0.625	0.23	0.75	0
3	N	Exterior	Frame - Wood	Main	13	11	8	9		105.0 ft²	0.625	0.23	0.75	0
4	E	Exterior	Frame - Wood	Main	13	38	10	9		349.5 ft²	0.625	0.23	0.75	0
5	S	Exterior	Frame - Wood	Main	13	30	8	9		276.0 ft²	0.625	0.23	0.75	0
6	W	Exterior	Frame - Wood	Main	13	3	10	9		34.5 ft²	0.625	0.23	0.75	0
7	S	Exterior	Frame - Wood	Main	13	7	4	9		66.0 ft²	0.625	0.23	0.75	0
8	E	Exterior	Frame - Wood	Main	13	7	10	9		70.5 ft²	0.625	0.23	0.75	0
9	S	Exterior	Frame - Wood	Main	13	4		9		36.0 ft²	0.625	0.23	0.75	0
10	E	Exterior	Frame - Wood	Main	13	2		9		18.0 ft²	0.625	0.23	0.75	0
11	S	Exterior	Frame - Wood	Main	13	15		9		135.0 ft²	0.625	0.23	0.75	0
12	W	Exterior	Frame - Wood	Main	13	2		9		18.0 ft²	0.625	0.23	0.75	0
13	S	Exterior	Frame - Wood	Main	13	4		9		36.0 ft²	0.625	0.23	0.75	0
14	W	Exterior	Frame - Wood	Main	13	29	6	9		265.5 ft²	0.625	0.23	0.75	0
15	N	Garage	Frame - Wood	Main	13	23		9		207.0 ft²		0.23	0.75	0

DOORS

✓ #	Omt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
1	N	Insulated	Main	None	.46	3		8	8	26 ft²
2	S	Insulated	Main	None	.46	3		8		24 ft²
3	N	Insulated	Main	None	.46	3		6	8	20 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓ #	Omt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
1	N	1	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft²	11 ft 6 in	1 ft 4 in	None	None
2	N	3	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft²	1 ft 6 in	1 ft 4 in	None	None
3	E	4	Vinyl	Low-E Double	Yes	0.33	0.22	N	8.0 ft²	1 ft 6 in	1 ft 4 in	None	None
4	S	5	Vinyl	Low-E Double	Yes	0.33	0.22	N	72.0 ft²	9 ft 6 in	1 ft 4 in	None	None
5	S	5	Vinyl	Low-E Double	Yes	0.33	0.22	N	16.0 ft²	9 ft 6 in	1 ft 4 in	None	None
6	S	7	Vinyl	Low-E Double	Yes	0.33	0.22	N	8.0 ft²	1 ft 6 in	1 ft 4 in	None	None
7	S	11	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft²	1 ft 6 in	1 ft 4 in	None	None
8	S	11	Vinyl	Low-E Double	Yes	0.33	0.22	N	12.0 ft²	1 ft 6 in	1 ft 4 in	None	None
9	W	14	Vinyl	Low-E Double	Yes	0.33	0.22	N	16.0 ft²	1 ft 6 in	1 ft 4 in	None	None
10	W	14	Vinyl	Low-E Double	Yes	0.33	0.22	N	8.0 ft²	1 ft 6 in	1 ft 4 in	None	None

INPUT SUMMARY CHECKLIST REPORT

GARAGE														
✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation								
	1	598 ft²	598 ft²	75 ft	9 ft	1								
INFILTRATION														
#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50						
1	Wholehouse	Proposed ACH(50)	.000286	1464	80.37	151.15	.1128	5						
HEATING SYSTEM														
✓	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts							
	1	Electric Heat Pump/	None	HSPF:8.5	42 kBtu/hr	1	sys#1							
COOLING SYSTEM														
✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts					
	1	Central Unit/	None	SEER: 14	42 kBtu/hr	1260 cfm	0.85	1	sys#1					
HOT WATER SYSTEM														
✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation					
	1	Electric	None	Garage	0.92	40 gal	70 gal	120 deg	None					
SOLAR HOT WATER SYSTEM														
✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF							
	None	None			ft²									
DUCTS														
✓	#	— Supply —			— Return —			Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat Cool	
	1	Attic	6	390.4 ft	Attic	97.6 ft²	Default Leakage	Main	(Default)	(Default)			1	1

INPUT SUMMARY CHECKLIST REPORT

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input type="checkbox"/> Dec
Venting	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input type="checkbox"/> Nov	<input type="checkbox"/> Dec

Thermostat Schedule: HERS 2006 Reference

Hours

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	80	80	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	80	80	78	78	78	78	78	78	78	78
Heating (WD)	AM	65	65	65	65	65	65	65	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	65	65	65	65	65	65	65	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default(8 lbs/sq.ft.)	0 ft ²	0 ft	0.3	Main

Residential System Sizing Calculation

Summary

245 Price Creek Road
Lake City, FL

Project Title:
Parker Residence

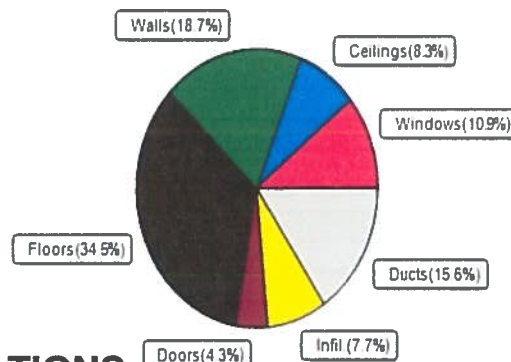
9/18/2019

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature(TMY3 99%)	30 F	Summer design temperature(TMY3 99%)	94 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	40 F	Summer temperature difference	19 F
Total heating load calculation	30076 Btuh	Total cooling load calculation	22284 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	139.6 42000	Sensible (SHR = 0.85)	192.3 35700
Heat Pump + Auxiliary(0.0kW)	139.6 42000	Latent	169.5 6300
		Total (Electric Heat Pump)	188.5 42000

WINTER CALCULATIONS

Winter Heating Load (for 1952 sqft)

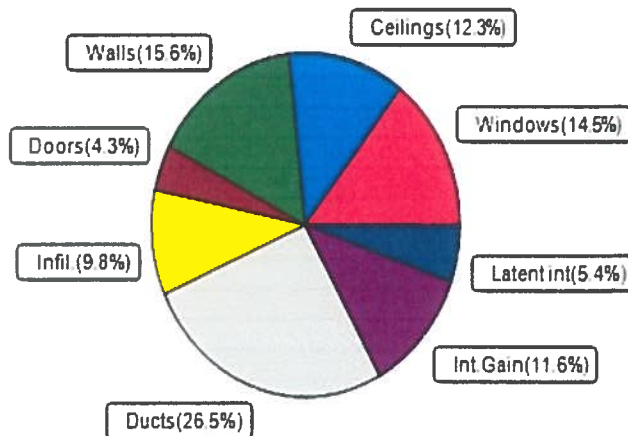
Load component			Load	
Window total	248	sqft	3274	Btuh
Wall total	1626	sqft	5626	Btuh
Door total	70	sqft	1288	Btuh
Ceiling total	1952	sqft	2487	Btuh
Floor total	1952	sqft	10384	Btuh
Infiltration	53	cfm	2313	Btuh
Duct loss			4704	Btuh
Subtotal			30076	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			30076	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1952 sqft)

Load component			Load	
Window total	248	sqft	3233	Btuh
Wall total	1626	sqft	3479	Btuh
Door total	70	sqft	966	Btuh
Ceiling total	1952	sqft	2735	Btuh
Floor total			0	Btuh
Infiltration	40	cfm	824	Btuh
Internal gain			2580	Btuh
Duct gain			4750	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Blower Load			0	Btuh
Total sensible gain			18568	Btuh
Latent gain(ducts)			1149	Btuh
Latent gain(infiltration)			1368	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			3716	Btuh
TOTAL HEAT GAIN			22284	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY: _____

DATE: _____

9-18-19